

CLAIMS

1. An insulation coated conductive particle in
which a surface of a conductive particle is coated with an
5 insulating resin layer formed of an insulating resin
having a carboxyl group, wherein

the insulating resin layer is surface-treated with a
polyfunctional aziridine compound.

10 2. The insulation coated conductive particle
according to claim 1, wherein

the aziridine compound is trimethylolpropane-tri- β -
aziridinypropionate, tetramethylolmethane-tri- β -
aziridinypropionate, or N,N-hexamethylene-1,6-bis-1-
15 aziridinecarboxamide.

3. The insulation coated conductive particle
according to claim 1 or 2, wherein

the insulating resin layer is composed of an
20 insulating resin having an acrylic acid monomer unit or a
methacrylic acid monomer unit.

4. The insulation coated conductive particle
according to claim 3, wherein

25 the insulating resin is an acrylic acid-styrene

copolymer.

5. A method for fabricating an insulation coated
conductive particle, comprising the step of performing a
5 surface treatment with a polyfunctional aziridine compound
on an insulating resin layer that is formed of an
insulating resin having a carboxyl group, and coats a
surface of a conductive particle.

10 6. An anisotropic conductive adhesive in which the
insulation coated conductive particles as set forth in any
of claims 1 to 4 are dispersed in an insulating adhesive.

7. The anisotropic conductive adhesive according to
15 claim 6, wherein
the insulating adhesive contains an epoxy resin.